IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC Attorney Docket No.: 115922 P.O. Box 19928 Alexandria, Virginia 22320 Date: July 30, 2003 Telephone: (703) 836-6400 Facsimile: (703) 836-2787 **MAIL STOP PATENT APPLICATION** Customer Number: 25944 NONPROVISIONAL APPLICATION TRANSMITTAL **RULE §1.53(b)** Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title):	INTERNAL COMBUSTION ENGINE		
By (Inventors):	Shouji KATSUMATA		
	4-1		

$oldsymbol{oldsymbol{eta}}$	Formal drawings (Figs. 1-9; 7 sheets) are attached.
	Use Figure for front page of Publication.
	A Declaration and Power of Attorney is filed herewith.
	This application claims benefit of Provisional Application No filed
	(A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.)
\boxtimes	This patent application is assigned to TOYOTA JIDOSHA KABUSHIKI KAISHA.
	The executed Assignment is filed herewith.
	An Information Disclosure Statement is filed herewith.
	Entitlement to small entity status is hereby asserted.
	A Preliminary Amendment is filed herewith.
\boxtimes	Priority of foreign application No. 2002-247590 filed August 27, 2002 in Japan is claimed (35 U.S.C. §119).
	A certified copy of the above corresponding foreign application(s) is filed herewith.
	This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certif

fies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

 \boxtimes The filing fee is calculated below:

CLAIMS IN THE APPLICATION AFTER ENTRY OF ANY PRELIMINARY AMENDMENT NOTED ABOVE

FOR:	NO. FILED	NO. EXTRA		
BASIC FEE	100			
TOTAL CLAIMS	13 - 20	= 0*		
INDEP CLAIMS	1 - 3	= 0*		
☐ MULTIPLE DEPENDENT CLAIMS PRESENTED				

^{*} If the difference is less than zero, enter "0".

SMALL ENTITY				
RATE	FEE	<u>OR</u>		
	\$ 375	<u>OR</u>		
x 9=	\$	<u>OR</u>		
x 42 =	\$	<u>OR</u>		
+ 140 =	\$	<u>OR</u>		
TOTAL	\$	<u>OR</u>		
iling fee is attached. Except as				

OTHER THAN A **SMALL ENTITY**

RATE	FEE
	\$ 750
x 18	\$
x 84	\$
+ 280	\$
TOTAL	\$ 750

Check No. 144776 in the amount of \$750.00 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

James A. Oliff Registration No. 27,075

Thomas J. Pardini Registration No. 30,411

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, I	PLC			Attorney D	ocket No.	: 115922		
بـــP.O. Box 19928 WAlexandria, Virginia	22320				Date	:: _July 30, :	2003	
Facsimile: (703) 836	5-6400 -2787		MAIL ST	OP PATE	NT APPL	ICATION		
Customer Number: Commissioner for Pate P.O. Box 1450 Alexandria, VA 22313	NONPROVISIONAL APPLICATION TRANSMITTAL RULE §1.53(b) For Patents				L			
Sir:								
Transmitted herewith f	or filing under 37	C.F.R. §1.53(b) is the no	onprovisional p	oatent applic	ation			
For (Title):	INTERNAL CO	OMBUSTION ENGINE						
By (Inventors):	Shouji KATSU	МАТА						
Formal drawings (Figs. 1-9; 7 sheets) are attached. Use Figure for front page of Publication. A Declaration and Power of Attorney is filed herewith. This application claims benefit of Provisional Application No. filed (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.) This patent application is assigned to TOYOTA JIDOSHA KABUSHIKI KAISHA. The executed Assignment is filed herewith. An Information Disclosure Statement is filed herewith. Entitlement to small entity status is hereby asserted. A Preliminary Amendment is filed herewith. Priority of foreign application No. 2002-247590 filed August 27, 2002 in Japan is claimed (35 U.S.C. §119). A certified copy of the above corresponding foreign application(s) is filed herewith. This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing. The filing fee is calculated below: CLAIMS IN THE APPLICATION AFTER ENTRY OF								
ANY PRELIMINARY	T AMENDMENT	NOTED ABOVE	SMALL	ENTITY	n r	OTHER T		
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	<u>OR</u>	RATE	FE	3E
BASIC FEE				\$ 375	<u>OR</u>		\$ 75	50
TOTAL CLAIMS	13 - 20	= 0*	x 9=	\$	<u>OR</u>	x 18	\$	
INDEP CLAIMS	1 - 3	= 0*	x 42 =	\$	<u>OR</u>	x 84	\$	
MULTIPLE DEPE			+ 140 =	\$	<u>OR</u>	+ 280	\$	
* If the difference is less than zero, enter "0". TOTAL \$ OR TOTAL \$ 750			II.					
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James A. Oliff

Registration No. 27,075

Thomas J. Pardini Registration No. 30,411

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PI P.O. Box 19928 Alexandria, Virginia Telephone: (703) 836- Facsimile: (703) 836-2	22320 -6400			Attorney Do	Date:	July 30, 2	2003
Customer Number: Commissioner for Pater P.O. Box 1450 Alexandria, VA 22313 Sir:	RULE §1.53(b)					ITTAL	
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For (Title):	INTERNAL CO	MBUSTION ENGINE					
By (Inventors):	Shouji KATSUMATA						
Should KATSUMATA							
CLAIMS IN THE API			SMALL	ENTITY	n 6	OTHER '	
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